TROY-BILT®

Parts Catalog

ECONO-HORSE™ 7HP Model Tiller

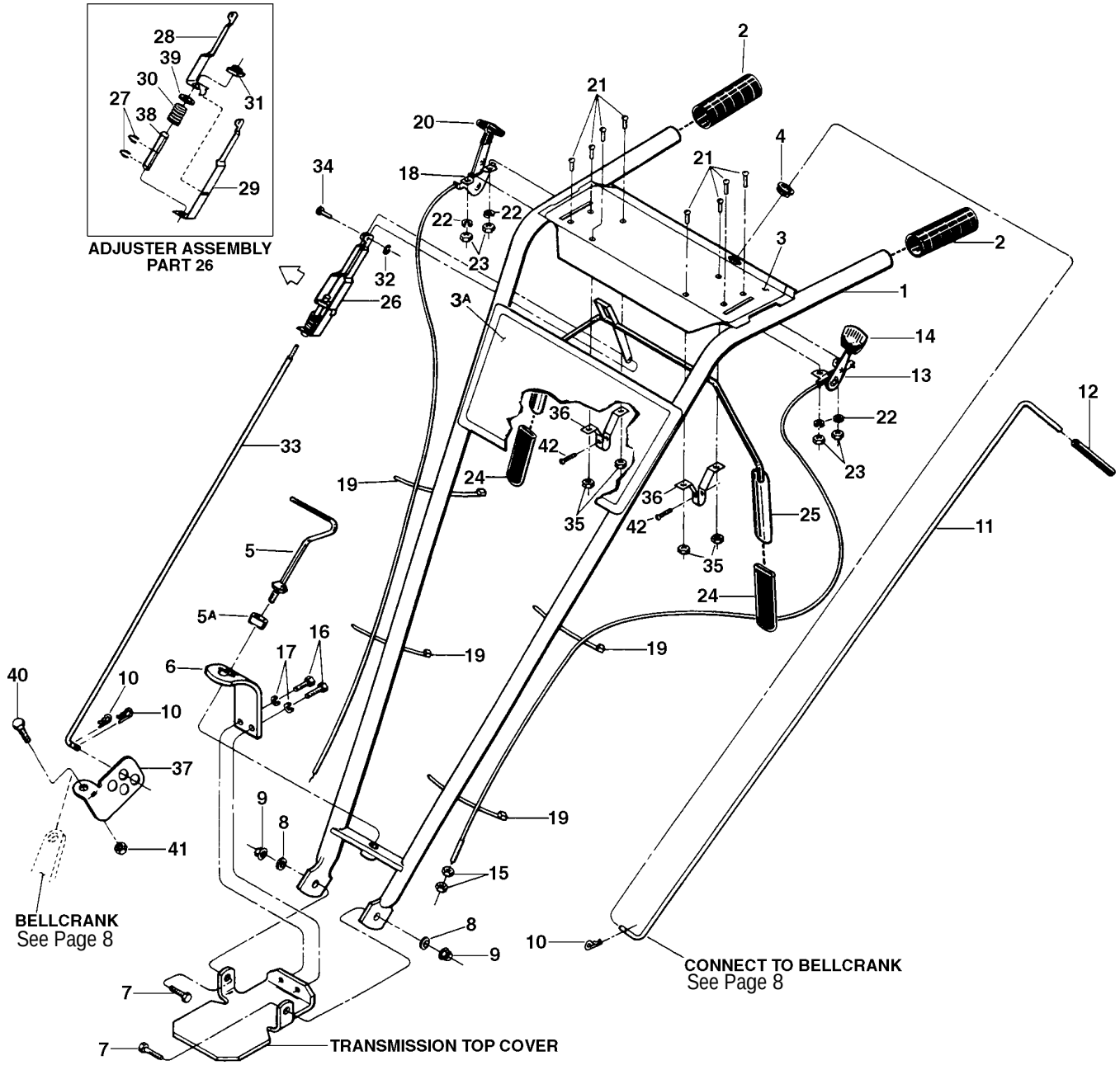
Model

12185

Serial Numbers:
121851100101 - 121851199999

GARDEN WAY INCORPORATED

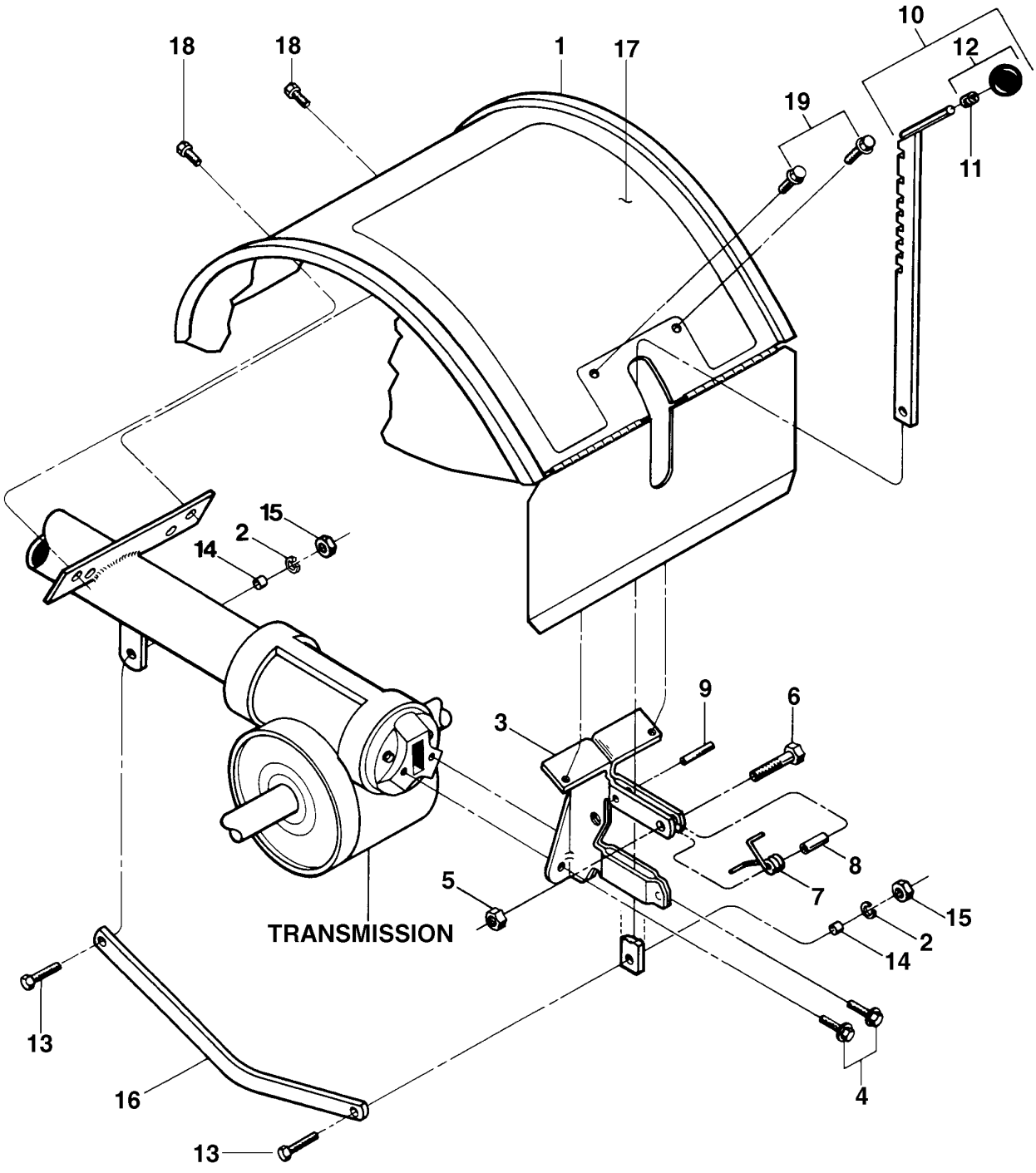
HANDLEBAR ASSEMBLY AND CONTROL LEVERS



HANDLEBAR ASSEMBLY AND CONTROL LEVERS

REF No.	PART No.	DESCRIPTION	QTY.
1	1916999	Handlebars (Incl. Ref No's 2, 3, 3A & 4)	1
2	9125	Grip, handlebars	2
3	1916935	Decal-Operator Control Panel	1
3A	2723	Decal-Troy-Bilt logo	1
4	9251	Grommet, plastic	1
5	20703	Handle, height adj.	1
5A	9955	Washer, keyed	1
6	1900475001	Bracket, handlebar height adjustment	1
7	1100046	Screw, hex hd., 3/8-16 x 1, GR5	2
8	9904	Washer–flat, 3/8, S.A.E	2
9	9837	Locknut, hex hd., 3/8-16	2
10	9338	Cotter, hairpin	3
11	20830	Lever, clutch-maneuvering (Incl. Ref No. 12)	1
12	9198	Grip, clutch lever	1
13	9442	Wheel gear control & cable assy. (Incl. Ref No's. 14, 15, 19, 21, 22 & 23)	1
14	9057	Knob, wheel gear control lever	1
15	1186211	Nut–hex, 5/16-24	2
16	1100068	Screw, hex hd., 3/8-16 x 3/4	2
17	1100243	Lockwasher, 3/8	2
18	9445	Engine throttle control & cable	1
19	9202	Ties, plastic	4
20	9212	Knob, engine throttle lever	1
21	1114748	Screw, No. 10-32 x 1/2	8
22	1100240	Lockwasher, No. 10	4
23	1186208	Nut, hex hd. No. 10-32	4
24	9390	Grip, paddle	2
25	20863	Bail, forward clutch control (Incl. two Ref No. 24)	1
26	20862	Adjuster assy. (incl. Ref No's. 27 ,28, 29, 30, 38 & 39)	1
27	9532	Klip ring	2
28	20808	Adjuster, Right side	1
29	20809	Adjuster, Left side	1
30	9059	Spring, adjuster	1
31	9522	Nut, rectangular	1
32	9386	Klip ring	1
33	20831	Rod, forward clutch	1
34	97083	Pin, Clevis	1
35	9853	Sems Nut	4
36	20806	Bracket, bail support	2
37	20888	Swivel	1
38	9432	Bushing	1
39	9973	Washer	1
40	1100805	Screw, hex hd., 1/4-20 x 3/4	1
41	9811	Nut, 1/4-20	1
42	9552	Screw, flanged hex hd., self-tapping, 1/4-20 x 1/2	2

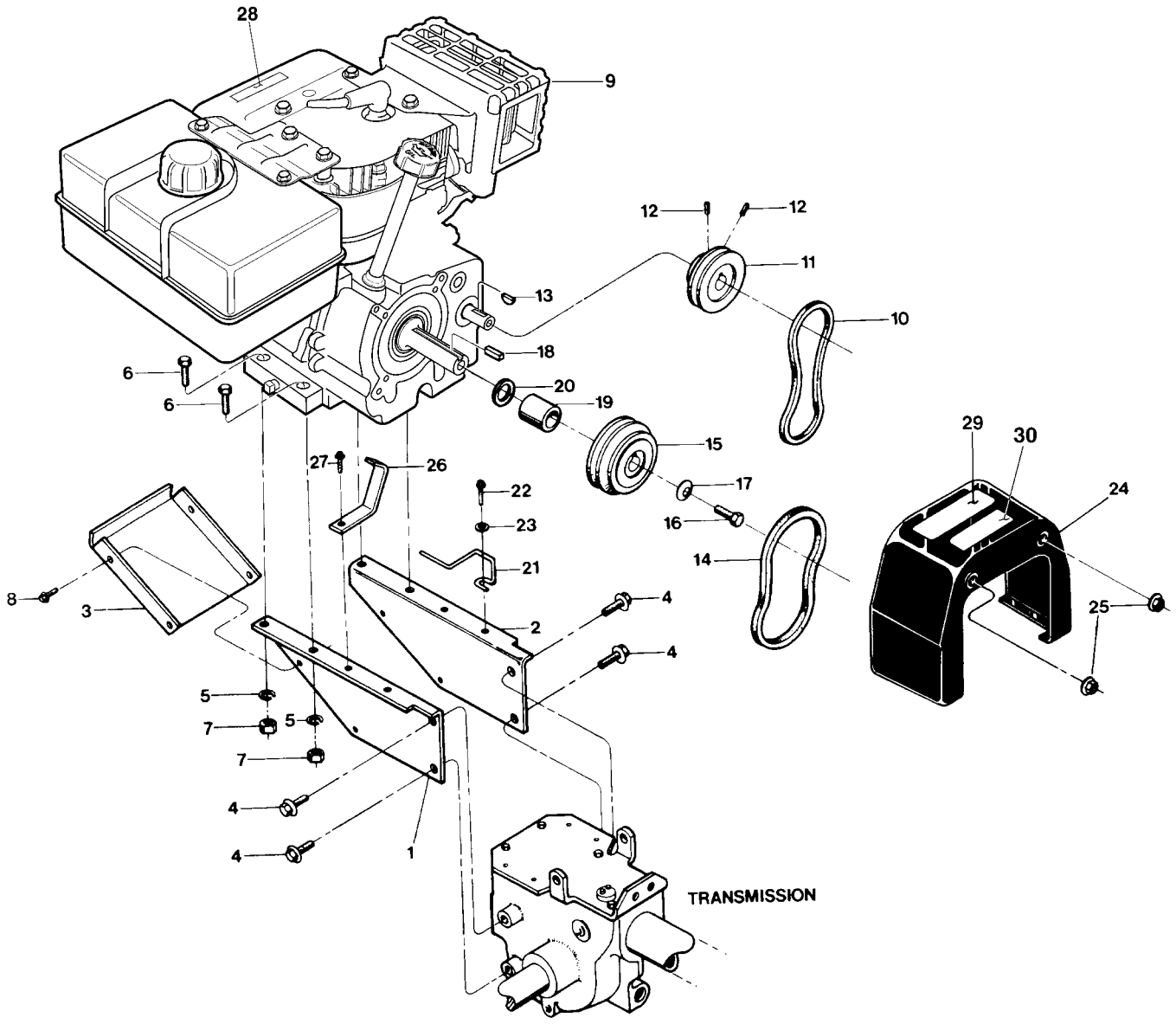
HOOD, BRACKET AND DEPTH REGULATOR



HOOD, BRACKET AND DEPTH REGULATOR

REF No.	PART No.	DESCRIPTION	QTY.
1	1904566	Hood (Incl. Ref No.17)	1
2	1100243	Lockwasher, 3/8	2
3	2527	Bracket, Hood (incl. Ref No. 9)	1
4	90038	Screw, flanged hex hd., 5/16-18 x 5/8	2
5	9811	Locknut, hex hd., 1/4-20	1
6	1100069	Screw, hex hd., 1/4-20 x 1"	1
7	9384	Spring	1
8	9534	Spacer	1
9	9308	Roll Pin, spiral,1/4 x 1	1
10	1117A	Depth Bar Assembly (Incl. Ref No's. 11 & 12)	1
11	9120	Ring, retaining	1
12	9119	Knob (Incl. Ref No.11)	1
13	1100043	Screw, hex hd.,3/8-16 x 1-1/4	2
14	1113-1	Bushing, spacer, drag bar	2
15	1186231	Nut, hex hd., 3/8-16	2
16	20775	Drag Bar	1
17	1904544	Decal, tiller operation	1
18	9553	Screw, hex hd., self-tap., 5/16-18 x 1/2	2
19	9552	Screw, flanged hex hd., self-tap., 1/4-20 x 1/2	2

ENGINE, SUPPORT BRACKETS, PULLEYS, BELTS AND BELT COVER

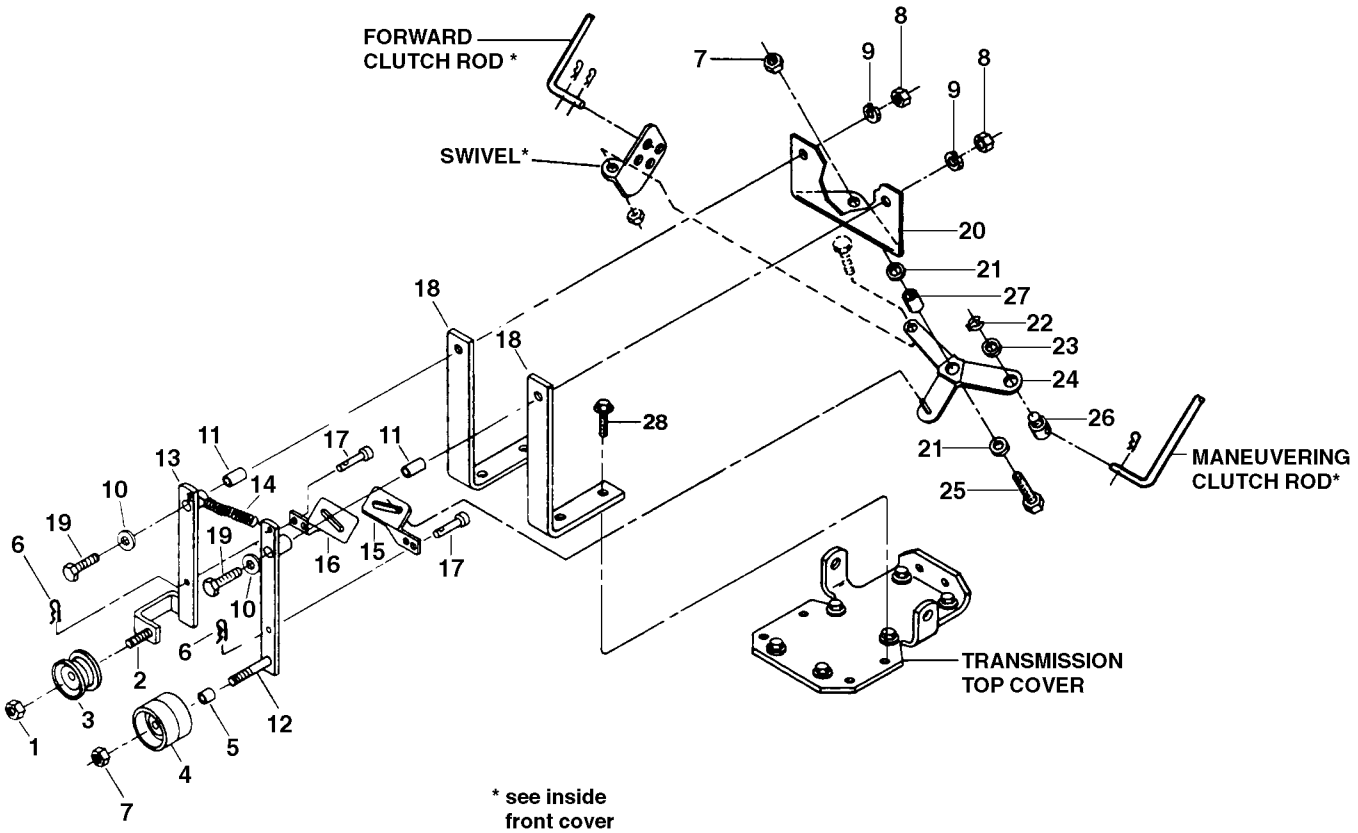


ENGINE, SUPPORT BRACKETS, PULLEYS, BELTS AND BELT COVER

REF No.	PART No.	DESCRIPTION	QTY.
1	1916604001	Support bracket, left side	1
2	191660200	Support bracket, right side	1
3	20673	Support bracket, front	1
4	1186329	Screw, flanged hex hd., 5/16-18 x 3/4	4
5	1100242	Lockwasher, 5/16"	4
6	1100044	Screw, hex hd., 5/16-18 x 3/4	4
7	1186321	Nut, hex hd., 5/16-18	4
8	1900396	Screw, self-tapping, hex hd., No.10-32 x 1/2	4
9	*	Tecumseh Engine, recoil start, electronic solid state ignition, 7 Horsepower	1
10	9022	V-Belt, reverse	1
11	2477	Reverse Pulley	1
12	9561	Set Screw, socket head, 1/4-20 x 1/4	2
13	9361	Key, Woodruff (#5)	1
14	1909404	V-Belt, forward	1
15	2476	Forward Pulley	1
16	1100009	Screw, hex head, 3/8-24 x 1, Grade 5	1
17	9925	Washer, disc spring	1
18	9301	Key, 3/16 square x 1	1
19	50141	Spacer	1
20	1138-2	Shim	As Req'd
21	20555	Belt guide	1
22	9573	Screw, hex head, 1/4-20 x 3/4, self tapping	1
23	9900	Washer, flat, 1/4 S.A.E.	1
24	1904567	Cover (Incl. Ref. No's. 28, 30)	1
25	1186391	Nut, Whiz Lock, 5/16-18	2
26	20654	Belt Guide	1
27	9552	Screw, flanged hex head, 1/4-20 x 1/2, self-tapping	1
28	1900766	Decal, Hot Surface/Belt Cover	1
29	1904557	Decal, Belt Cover	1
30	1900764	Decal, Belt Position	1

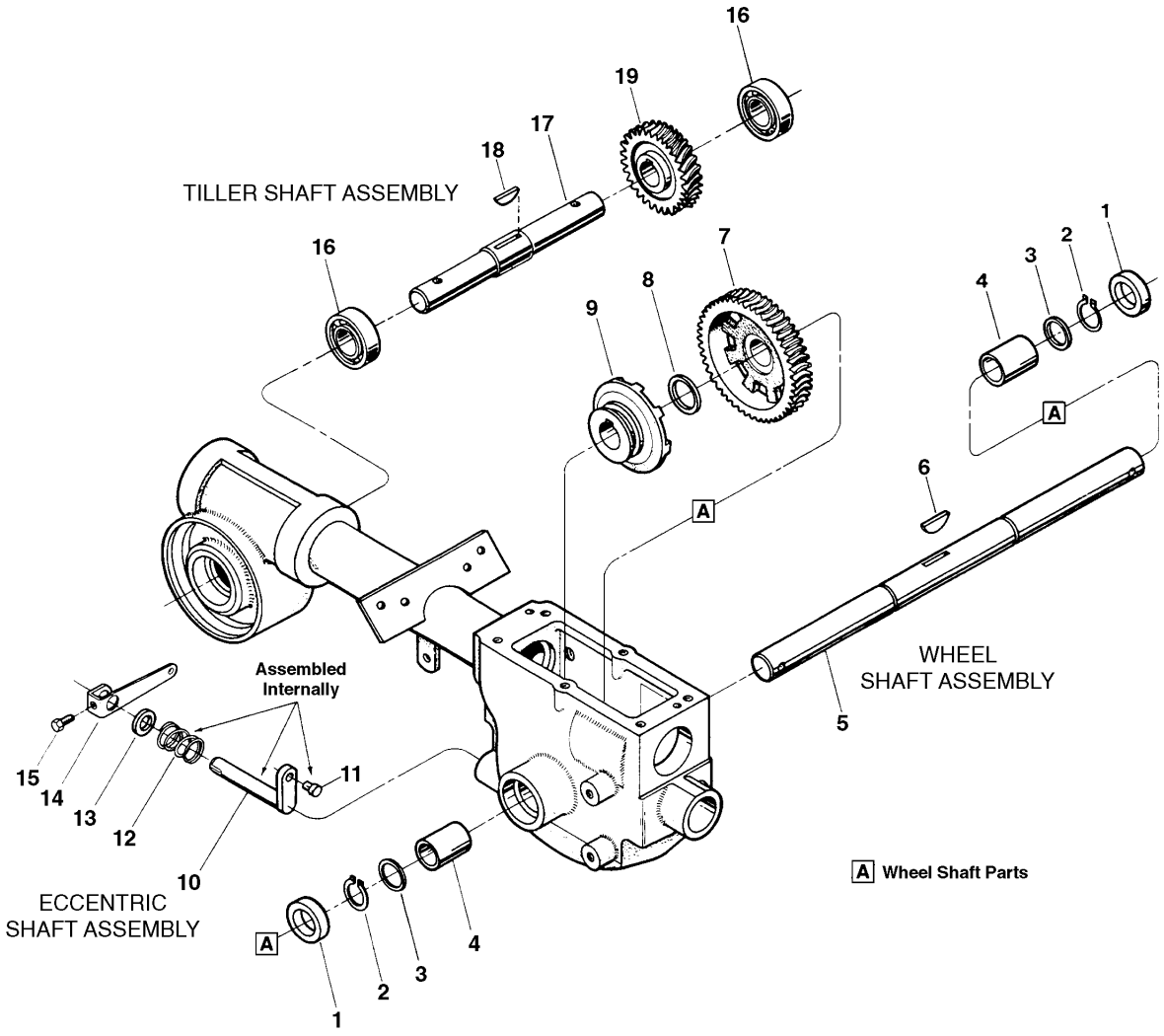
* See your local authorized engine service dealer for engine parts or service. Refer to the engine nameplate for engine type and code information.

FORWARD/REVERSE IDLER ASSEMBLY



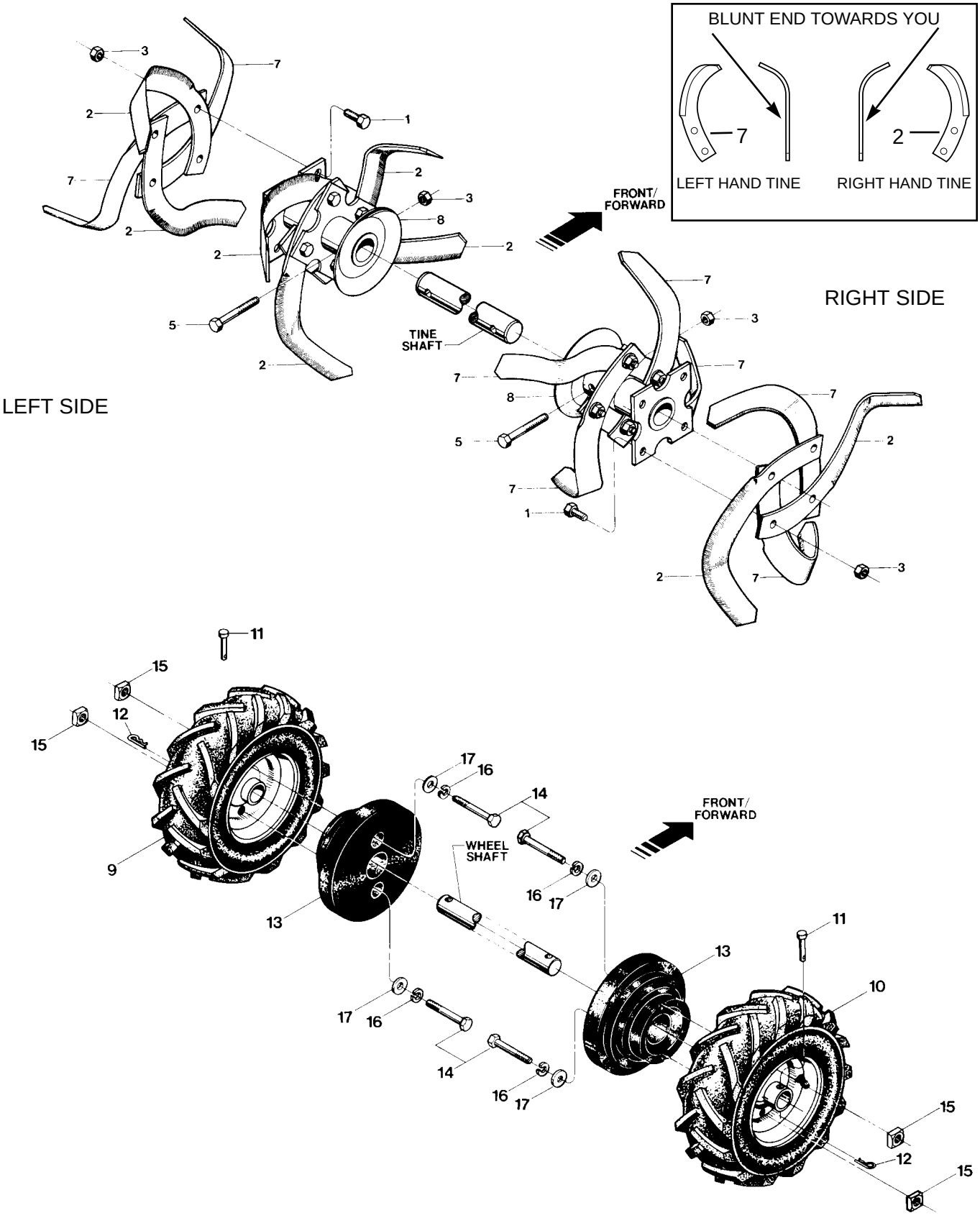
REF No.	PART No.	DESCRIPTION	QTY.
1	9837	Locknut, hex, 3/8-16	1
2	1110043	Screw, hex hd., 3/8-16 x 1-1/4 Grade 5	1
3	1909266	Pulley, idler, reverse	1
4	9193	Pulley, idler, forward	1
5	1113-1	Spacer	1
6	9338	Hairpin cotter	2
7	1110108	Locknut, hex, 3/8-16	2
8	1186230	Nut, hex, 5/16-18	2
9	1100242	Lockwasher, 5/16	2
10	20545	Washer, plain, 5/16	2
11	9479	Pivot, bushing	2
12	20899	Idler Arm, left, forward tiller direction	1
13	1909682010	Idler Arm, right, reverse tiller direction	1
14	1492	Spring	1
15	20517-01	Forward Link	1
16	20517-02	Reverse Link	1
17	9340	Pin	2
18	20751	Mounting Bar	2
19	1111607	Screw, hex hd., 5/16-18 x 2-1/4", Grade 5	2
20	20842	Shifting base	1
21	20553	Spacer, bushing	2
22	9532	Klip Ring	1
23	20546	Washer, pivot	1
24	20838	Bellcrank	1
25	1100043	Screw, hex hd., 3/8-16 x 1-1/4	1
26	20506	Pivot	1
27	20532	Bushing, bellcrank	1
28	1186331	Screw, flanged hex hd., 5/16-18 x 1	4

WHEEL SHAFT, ECCENTRIC SHAFT AND TILLER SHAFT ASSEMBLIES



REF No.	PART No.	DESCRIPTION	QTY.
1	9621	Oil seal, left and right sides	2
2	9511	Ring, retaining, heavy duty, external	2
3	1166-1	Shim, 1-1/64 I.D., .062 " thick .....As Req'd	
...	1166-2	Shim, 1-1/64 I.D., .030 " thick .....As Req'd	
...	1166-3	Shim, 1-1/64 I.D., .015 " thick .....As Req'd	
...	1166-4	Shim, 1-1/64 I.D., .010 " thick .....As Req'd	
4	1086	Bushing	2
5	2494	Wheel shaft (axle), incl. Ref. No. 6..	1
6	9373	Key, Hi-Pro, 1/4 x 1-5/16	1
7	20914	Gear, worm drive, cast iron	1
8	9935	Shim, 1.016 I.D.x 1.468 O.D. x .062 thick	1
9	20712	Clutch, wheel drive, cast iron.....	1
10	20879	Eccentric shaft.....	1
11	1442	Pin, eccentric shaft.....	1
12	9055	Spring.....	1
13	9622	Oil seal, eccentric shaft.....	1
14	20757	Lever, eccentric shaft.....	1
15	1100804	Screw, hex hd., 1/4-20 x 1/2	1
16	97074	Ball bearing, tiller shaft.....	2
17	20896	Tiller shaft, Incl. Ref. No. 18	1
18	1104	Key, woodruff, 1/4 x 1-1/4.....	1
19	20913	Worm gear, bronze, tiller drive	1

BOLO TINES, WHEELS



BOLO TINES, WHEELS

REF No.	PART No.	DESCRIPTION	QTY.
1	1100043	Screw, hex hd., 3/8-16 x 1-1/4, Grade 5	16
2	1270-2A	Bolo Tine, single, right hand. Used on left and right side tine assemblies. (Incl. two each of Ref. No's.1 and 3)	8
3	1733398	Nut, hex locking, 3/8-16	18
4	----	Ref. No. Not Used	
5	1982612	Screw, hex hd., 3/8-16 x 2, Grade 8	2
6	----	Ref. No. Not Used	
7	1270-1A	Bolo Tine, single, left hand. Used on left and right side tine assemblies. (Incl. two each of Ref. No's.1 and 3	8
8	1902153010	Tine Holder	2
...	1348	Replacement Set of 16 Bolo Tines. Includes eight each of right hand and left hand tines; sixteen each of Ref No's. 1 and 3	1
9	2706-01	Wheel and Tire Assembly, left side, 5.0 x 6" tire mounted on 6" grey wheel, tubeless, valve stem, tractor tread	1
10	2706-02	Wheel and Tire Assembly, right side, 5.0 x 6" tire mounted on 6" grey wheel, tubeless, valve stem, tractor tread	1
11	9380	Clevis Pin, .312 x 1-3/4	2
12	9338	Hitch Pin	2
13	2731	Wheel weight, 16-1/2 lbs.	2
14	1111614	Screw, hex hd., 3/8-16 x 3	4
15	9849	Nut, 3/8-16	4
16	1100243	Lockwasher, 3/8	4
17	9904	Washer, plain (flat), 3/8	4

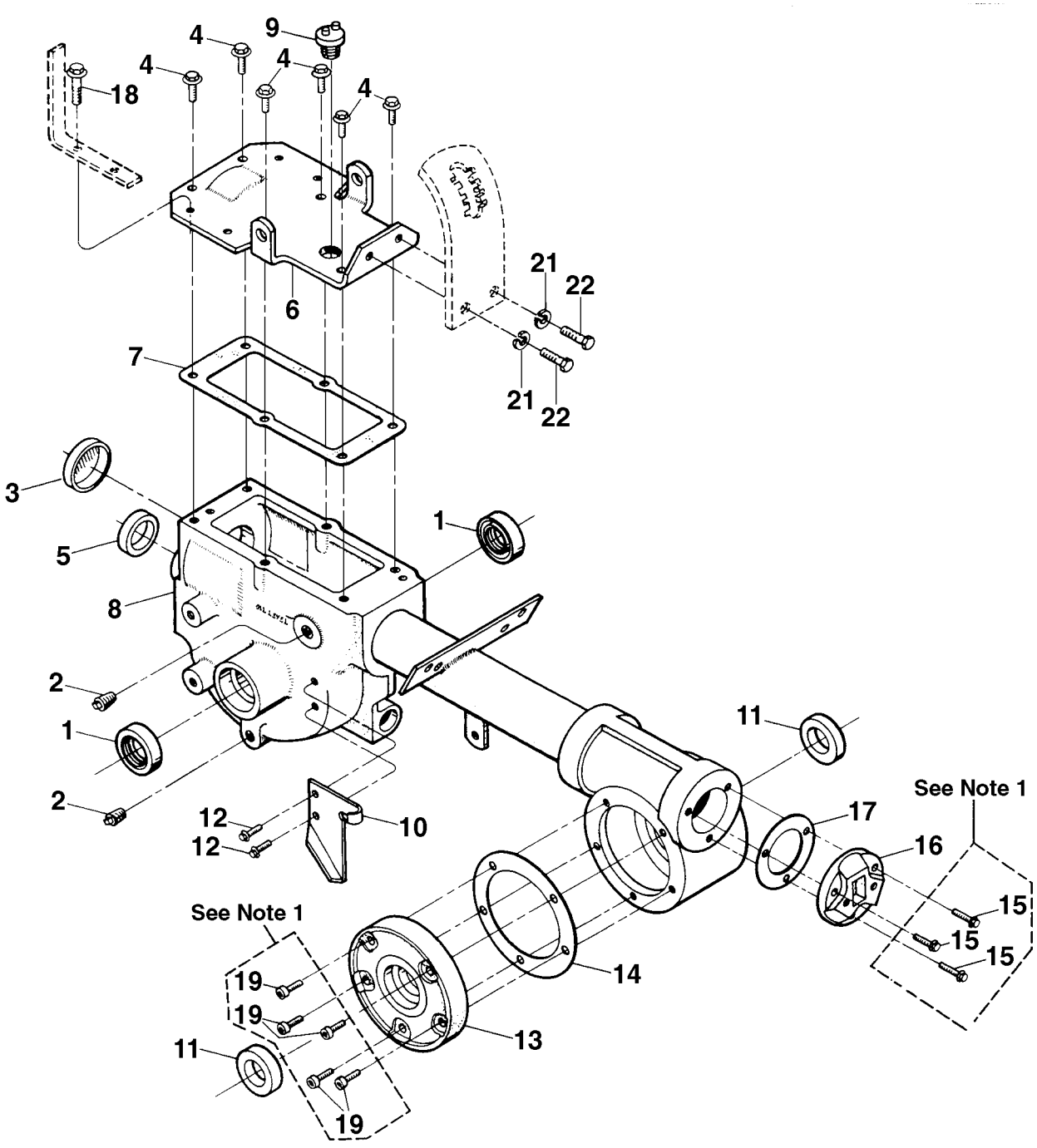
CUSTOM TILLING TINES (EXTRA LONG-WEARING)

Special hard-faced tines that are thicker than standard tines. Ideal for use in sandy, gritty soil or when custom tilling or market gardening.

...	10802	Custom Tilling Tine Kit Incl. (qty. 8) No. 2475-1 bolo tines, (qty. 8) No. 2475-2 bolo tines, (qty. 16) No. 1100043 bolts, and (qty. 16) No. 1733398 locknuts.	1
...	2745-1	Bolo tine, custom tilling, left hand	8
...	2475-2	Bolo tine, custom tilling, right hand	8

IMPORTANT: Left and right sides of tiller are determined by standing in the operator position and facing the direction of forward travel.

TRANSMISSION HOUSING, COVERS, SEALS, GASKETS AND PLUGS

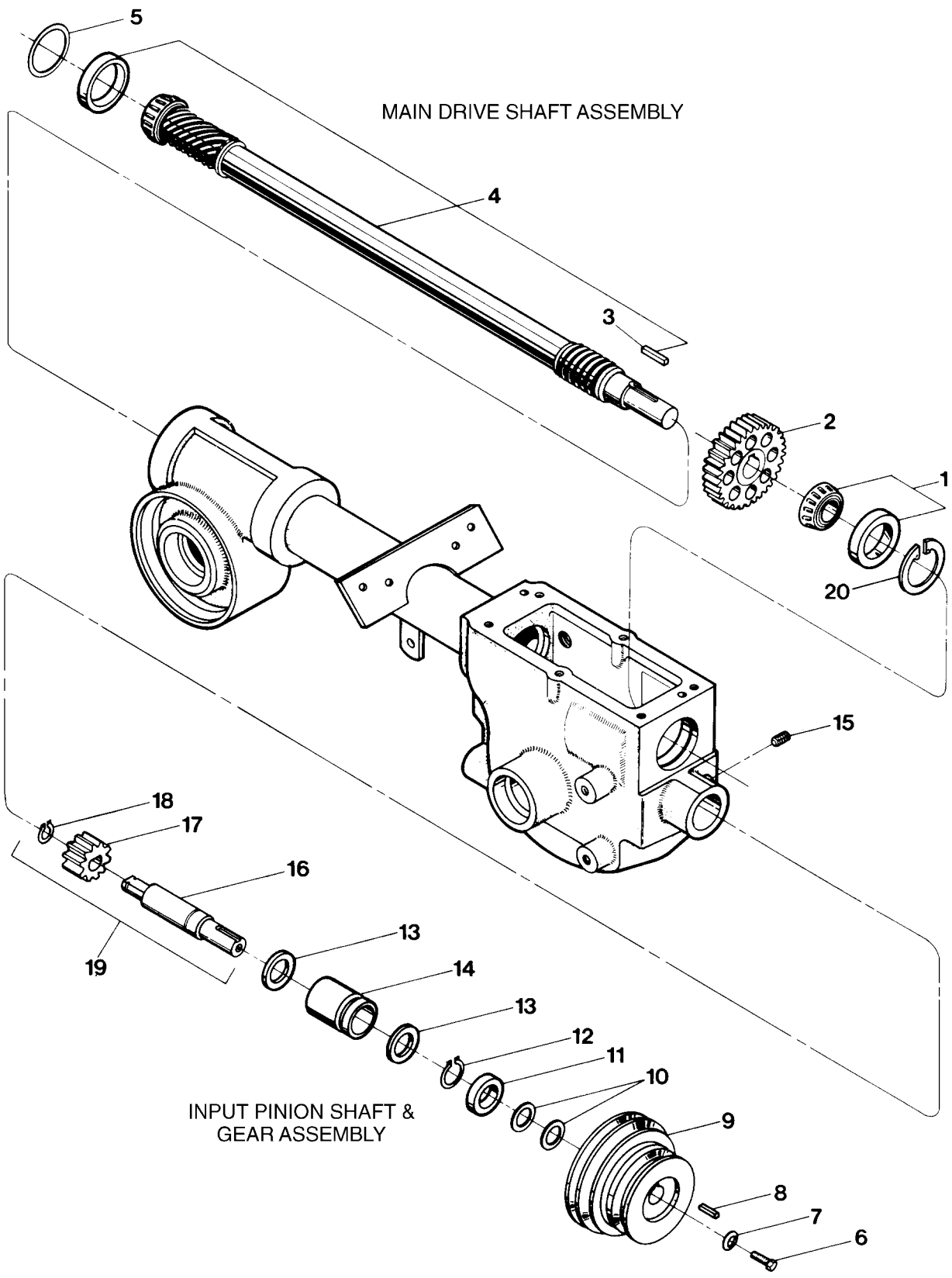


NOTE 1: THESE SCREWS ARE A SPECIAL SEALING SCREW THAT CAN NOT BE REUSED WITHOUT RISKING THE LOSS OF TRANSMISSION OIL. IF THESE SCREWS ARE LOOSENED OR REMOVED, THEY MUST BE REPLACED WITH NEW HARDWARE.

TRANSMISSION HOUSING, COVERS, SEALS, GASKETS AND PLUGS

REF No.	PART No.	DESCRIPTION	QTY.
1	9621	Oil seal, wheel shaft, left and right sides	2
2	9726	Plug, pipe,1/4	2
3	97076	Seal, transmission bore	1
4	1186329	Screw, flanged hex hd., 5/16-18 x 3/4	6
5	85030	Oil seal, input pinion shaft	1
6	11513	Transmission cover, top, Incl. (qty. 4) Ref. No. 18 and (qty. 2) Ref. No.'s 21, 22	1
7	20694	Gasket, top cover	1
8	20893	Transmission case, tube & rear housing assembly	1
9	9467	Plug	1
10	20889	Plate, wheel drive cable mounting	1
11	97073	Oil seal, tiller shaft, left and right sides	2
12	90038	Screw, flanged hex hd., 5/16-18 x 5/8	2
13	20873	Cover, left side	1
14	1129-1	Gasket, cover, .010 thick (fits all covers)	As Req'd
15	1915089	Screw Kit: includes three (3) 1/4-20 x 7/8 self-sealing screws	As Req'd.
16	1115	Cap, rear bearing	1
17	1124-2	Gasket, rear bearing cap, .010 thick	As Req'd
18	1186331	Screw, flanged hex hd., 5/16-18 x 1	4
19	1915087	Screw Kit: includes five (5) 1/4-20 x 5/8 self-sealing screws	As Req'd.
21	1100243	Lockwasher, 3/8	2
22	1100068	Screw, hex hd., 3/8-16 x 3/4	2

DRIVE SHAFT, INPUT PINION SHAFT AND GEAR ASSEMBLIES



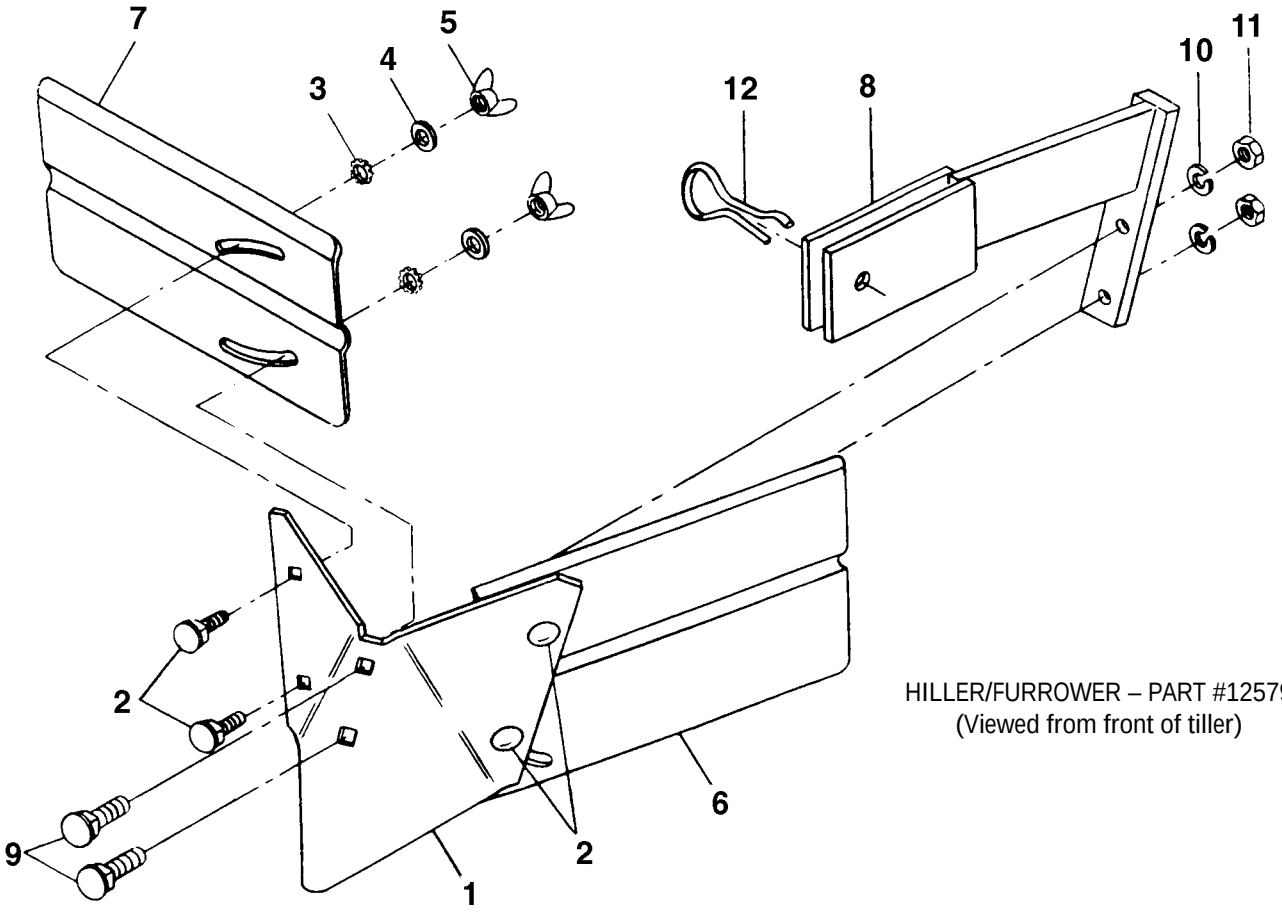
DRIVE SHAFT, INPUT PINION SHAFT AND GEAR ASSEMBLIES

REF No.	PART No.	DESCRIPTION	QTY.
		DRIVE SHAFT	
1	1714	Bearing, front, tapered roller, w/race	1
2	20718	Gear, spur	1
3	9301	Key, 3/16 sq. x 1	1
4	11603	Drive shaft, main assembly Incl. Part No. 1714 (pressed-on rear bearing w/race) & Ref. No. 3	1
5	1224-1	Shim, rear bearing cap, .010 thick (see Note below)	As Req'd
5	1224-2	Shim, rear bearing cap, .030 thick (see Note below)	As Req'd
5	1224-3	Shim, rear bearing cap, .005 thick (see Note below)	As Req'd
...	1325C	Shim set, includes (Qty. 2) Part No. 1224-1, (Qty. 2) Part No. 1224-2 & (Qty. 1) Part No. 1224-3	As Req'd

NOTE: Shim between drive shaft rear bearing and rear bearing cap to achieve 5 to 10 thousandths of an inch (.005"-.010") end play on drive shaft.

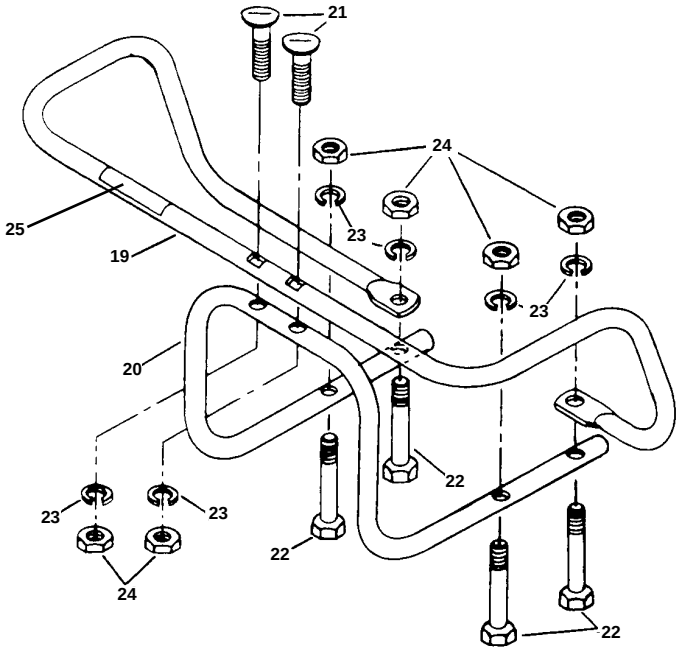
REF No.	PART No.	DESCRIPTION	QTY.
		INPUT PINION SHAFT	
6	1100004	Screw, hex hd., 5/16-24 x 3/4, Grade 5	1
7	9944	Washer, disc spring	1
8	9301	Key, 3/16 sq. x 1	1
9	20507	Pulley, trans. drive, 3 grooves	1
10	1440	Washer, support	2
11	85030	Oil seal, input pinion shaft	1
12	9500	Ring, retaining, external	1
13	9953	Washer, thrust	2
14	9428	Bushing	1
15	9677	Set screw, 5/16-18 x 3/8	1
16	20791	Input pinion, steel shaft	1
17	20792	Gear, input pinion	1
18	9093	Retainer, snap ring, external	1
19	20799	Pinion assembly, Incl. Ref No's. 16,17, 18	As Req'd
20	9517	Retainer, snap ring, internal	1

HILLER/FURROWER ATTACHMENT



HILLER/FURROWER – PART #12579
(Viewed from front of tiller)

BUMPER ASSEMBLY



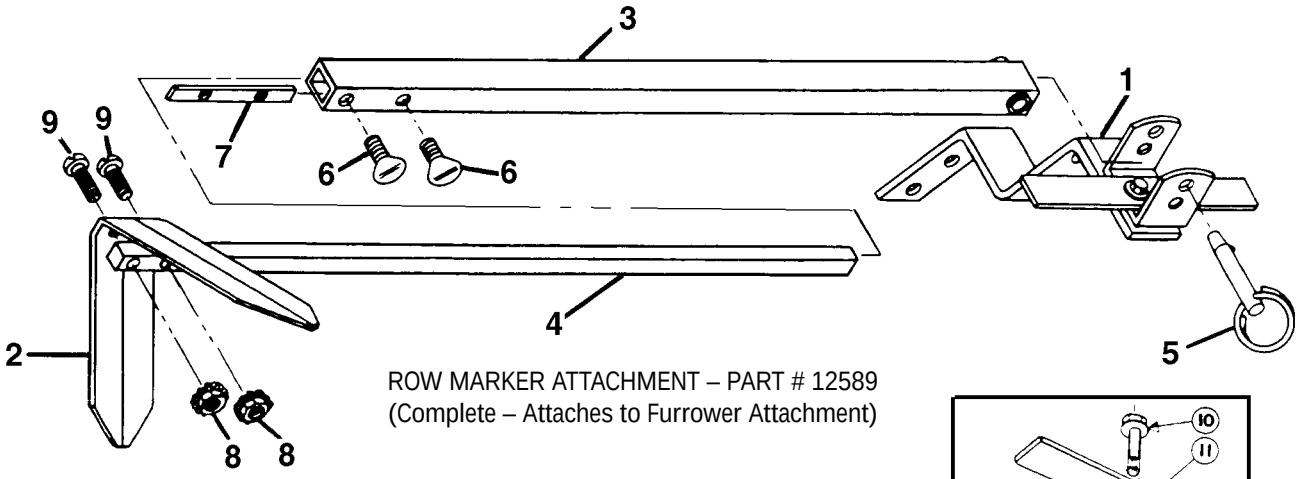
HILLER/FURROWER - PART NO. 12579
COMPLETE ATTACHMENT

REF No.	PART No.	DESCRIPTION	QTY.
1	1900771001	Furrower, blade only	1
2	1186098	Carriage bolt, 5/16-18 x 3/4	4
3	1177548	Star Washer, ext. tooth, 5/16	4
4	9902	Washer, plain, 5/16 S.A.E.	4
5	9824	Wing nut, 5/16-18	4
6	1900773001	Hiller wing, left	1
7	1900774001	Hiller wing, right	1
8	1900772001	Bracket, blade mounting	1
9	9725	Carriage bolt, 3/8-16 x 1-1/2	2
10	1100243	Lockwasher, 3/8, plated	2
11	1186231	Nut, hex, 3/8-16, plated	2
12	9318	Pin, clinch	1
...	12579	Hiller/Furrower, complete attachment (some assembly required-instructions included)	1

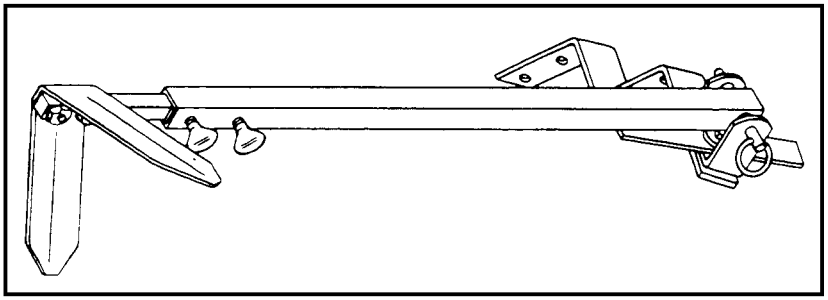
BUMPER ASSEMBLY COMPLETE - PART NO. 12596

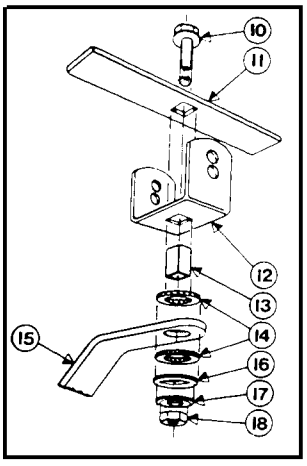
REF No.	PART No.	DESCRIPTION	QTY.
19	1916714001	Bumper, top section	1
20	1904758001	Bumper, bottom section	1
21	1731025	Bolt– curved head, 5/16-18 x 2" (special bolt); also see hardware kit	2
22	1111608	Bolt, hex hd., 5/16"-18 x 2-1/2"	4
23	1100242	Lockwasher, 5/16"	6
24	1186230	Nut–hex., 5/16"-18	6
25	1448	Decal– caution	1
---	1915811	Hardware Kit– includes: two #1731025 curved head bolts; four #1111608 hex hd. bolts; six #1100242 lockwashers; six #1186230 hex nuts	1

ROW MARKER ATTACHMENT



ROW MARKER ATTACHMENT – PART # 12589
(Complete – Attaches to Furrower Attachment)





MAIN SUPPORT & YOKE ASSY
PART # 1904522001

ROW MARKER ATTACHMENT - PART NO. 12589
(Complete– Attaches to Furrower Attachment)

REF No.	PART No.	DESCRIPTION	QTY.
		Row Marker Attachment Part # 12589	
1	1569	Main support & yoke assembly Complete, incl. Ref. No's. 10, 11, 12 ,13, 14, 15, 16, 17 & 18	1
2	1594	Marker blade, (blade only)	1
3	1904524001	Marker arm, main arm	1
4	1904523001	Marker arm, ext. arm w/stop pin	1
5	9347	Hitch pin	1
6	9786	Thumbscrew, 1/"-20 x 1/2 Not available separately. (See Hardware Pkg. No. 1837)	2
7	1596	Nut bar (incl. in Hardware Pkg. No. 1837)	1
8	9828	Nut, hex, No. 10-24 w/star washer. Not available separately. (See Hardware Pkg. No. 1837)	2
9	1100135	Screw, round hd., 10-24 x 1 Not available separately. (See Hardware Pkg. No. 1837)	2
...	1837	Hardware package, incl. Ref. No's. 5 (qty. 1), 6 (qty. 2), 7 (qty. 1) 8 (qty. 2), 9 (qty. 2)	1
...	12582	Row marker attachment & Hiller/Furrower attachment combination– complete: Incl. Part No. 12579 Hiller/Furrower & Part No. 12589 Row Marker	1

REF No.	PART No.	DESCRIPTION	QTY.
		Row Marker Main Support & Yoke Assembly Part # 1904522001	
10	1186349	Screw–hex flanged locking, 3/8-16 x 1-1/2 Grade 5	1
11	1593	Stop Bar	1
12	1592	Yoke	1
13	1591	Tube Key–square	1
14	1590	Washer–friction	2
15	1588	Main Support	1
16	1589	Washer–square hole	1
17	9925	Washer–disc spring	1
18	1186231	Nut–hex 3/8-16	1

Parts Ordering Information

If you need service or parts:

For service assistance or parts, contact your local authorized dealer or the factory.

Your local dealer or service department will need to know the model/serial numbers of the unit to provide the most efficient service. See below for information on how to identify and record the identification numbers for the unit.

If you need engine service or parts:

For engine service or parts, contact your local authorized engine dealer. Look in the yellow pages of the phone book under "Engines-Gasoline" for the name of your nearest authorized engine dealer. An authorized engine dealer can handle all parts, repairs, and warranty service concerning the engine.

Note:

All Troy-Bilt® replacement parts must conform to our rigid quality specifications. Although some replacement parts we provide may vary slightly in shape, color or texture from the original parts, any variations will not affect the fit or performance of these parts on your unit.

WARNING

We urge using only genuine replacement parts which meet all the latest requirements. Replacement parts manufactured by others could present safety hazards, even though they may fit on the unit!

IMPORTANT:

Left and right sides of the unit are determined by standing behind the unit, in the operator's position, and facing in the direction of forward travel.

NOTICE:

We reserve the right to change specifications, add improvements or discontinue the manufacture of any of our equipment without notice or obligation to purchasers of our equipment.

Identification Numbers

Record the Model/Serial Numbers here:

When ordering parts from us or your local servicing dealer, you will need to provide the unit's model/serial number. For your convenience and ready reference, record this information below.

Product Model/Serial Number _____

Engine Model / Serial Spec. Numbers _____

Date of Purchase _____

Name of Dealer _____

For customer assistance, contact your nearest authorized dealer or:

GARDEN WAY INCORPORATED • 1 Garden Way • Troy, New York 12180
Customer Service: 1-800-437-8686 • Technical Service: 1-800-520-5520 • Parts Service: 1-800-648-6776
• FAX: (518) 391-7332 • WEBSITE: www.troybilt.com

Outside the United States and Canada:
Customer Service: (518) 391-7007 • Technical Service: (518) 391-7008 • Parts Service: (518) 391-7006 • FAX (518) 391-7332

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